

1/9

FIG. 1

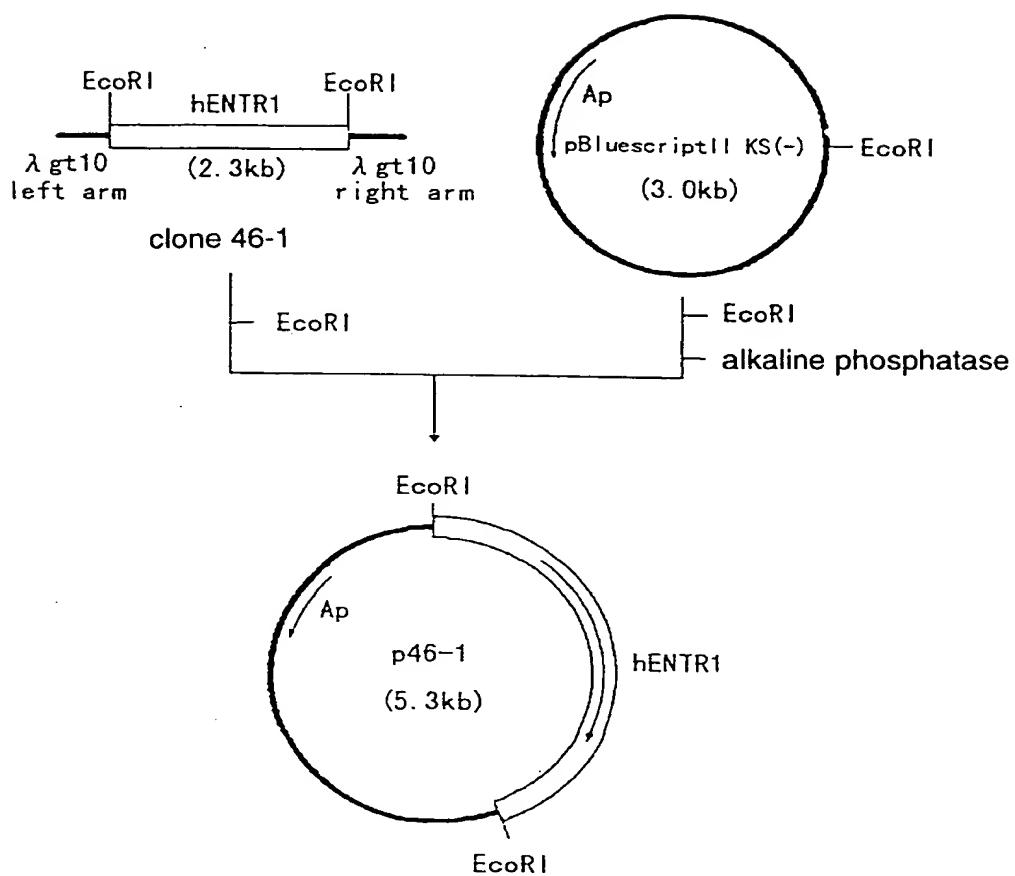


FIG. 2

hENT1	1:	MTTSHQPDQRYKAWLIFPML	21
hENT2	1:	MARGDAPRDSYHLVGISFFIL	21
hENTR1	1:MAVVSEDDFQHSSNSTYGTSSSLRADQEALLEKLIDRPPGQLQRPEDRFCGTYIIFPSL		60
		* * * * *	
hENT1	22:GLGTLLPNNFFMTATQYFTNRLDMSQNVSLVTAELSKDAQASAAPAALPERNSLSAI-F		80
hENT2	22:GLGTLLPNNFFITAIPYFQARLA	GAGNSTARILSTNHTCPEDAFNF	67
hENTR1	61:GIGSLLPNNFFITAKEYWMFKL	RNSSSPATGEDPEGSDILNYF	103
	* * ***** * * *	*	* *
hENT1	81:NNVMTLCAMPLLLFTYLNSFLHQRIPOQSVRILGSLVAILLVFLITAILVKVQL-DALP		138
hENT2	68:NNWVTLSQLPLLLFTLILNSFLYQCVPETVRILGSLAILLFLATAALVKVDM-SPGP		125
hENTR1	104:ESYLAVASTVPSMCLCVANFLVNRVAHVIRVLASLTVILAIFMVITALVKVDTFSWTRG		163
	* * * * * * * * * * * * * * *		
hENT1	139:FFVITMIKIVLINSFGAIHQGSFLGLAGLLPASYTAPIMSGQCLAGFFASVAMICAIAKG		198
hENT2	126:FFSITMASVCFINFSAVLQGSFLFCQLGTMPSYSTLFLSGQCLAGIFAAALAMLSMASG		185
hENTR1	164:FFAVTIVCMVILSGASTVFSSSIYGMTCGFPMRNSQALISGGAMGGTVASAVSLVDLAAS		223
	* * * * * * * * * * * * * * *		
hENT1	199:SELSESAGYFITACAVIILTIICYLGLPRLEFYRYQQLK-LEGPGEQETKLDLISKG		256
hENT2	186:VDAETSALGYFITPCVGILMSIVCYSLPHLKAFARYYLANKSSQAQAELETKAELLQSD		245
hENTR1	224:SDVRNSALAFFLTATIFLVLCMGLYLLLSRLEYARYYMR-PVLAAHVFSGE		273
	* * * * * * * * * * * * * * *		
hENT1	257:EEPRAGK-EESGVSVNSQPTNESHSIKAILKNISVLAFCVCFIFTITI		304
hENT2	246:ENGIPSSPQKVALTLDLDEKEPESEPDEPKPGKPSVFTVFPQKIWLTLCLVLVFTVTL		305
hENTR1	274:EELPQDSL-SAPSVASRFIDSHTPPLRPILKKTASLGFCVTYVFFITS		320
	* * * * * * * * * * * * * * *		
hENT1	305:GMFPAVTVEVKSSIAGSSTW-ERYFIPVSCFLTFNIFDWLGRSLTAVFMWPGKDSRWLP		362
hENT2	306:SVFPAITAMVTSS-TSPGKW-SQFFNPICCFILLFNIMDWLGRSLTSYFLWPDEDSRLLP		362
hENTR1	321:LIYPAVCTNIESLNKGCSLWTTKFFIPLTTFLLYNFADLCGRQLTAWIQVPGPNSKALP		380
	* *		
hENT1	363:SLVLARLVFVPLLLLNCNIKPRRYL-TVVFEDAWFIFFFMAAFAPSNGYLASLCMCFGPKK		421
hENT2	363:LLVCLRFLFVPLFMLCHVPORSRL-PILFPQDAYFITMLLFAVSNCYLVSLTMCLAPRQ		421
hENTR1	381:GFVLLRTCLIPLFVLCNYQPRVHLKTVVFQSDVYPALLSSLLGNSGYLSTLALLYGPKI		440
	* *		
hENT1	422:VKPAEAETAGAIMAFFLCLGLALGAVFSFLFRAIV		456
hENT2	422:VLPHEREVAGALMTFFLALGLSCGASLSFLFKALL		456
hENTR1	441:VPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI		475
	* * * * * * * * * * * * * * *		

09/763793

3/9

FIG. 3

bENT1	-----	-----	-----	-----	M TTSHQPQDRY
bENT2	-----	-----	-----	-----	M ARGDAPRDSY
bENTR1	MAVVSEDDFQ	HSSNSTYGT	SSSLRADQEA	LLEKLLDRPP	PGLQRPEDRF

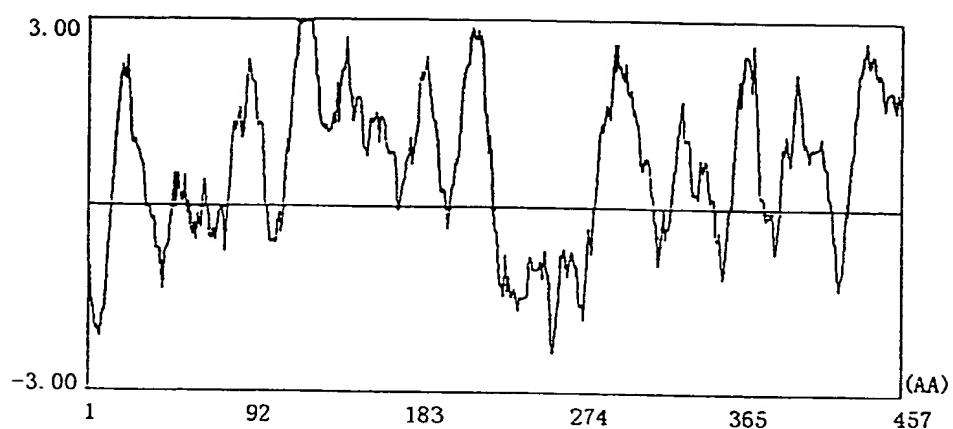
bENT1	KAVWLIFFFML	GLGTLLPWNF	FMTATQYFTN	RLDMSQNVS	VTAELSKDAQ
bENT2	HLVGISFFIL	GLGTLLPWNF	FITAIPYFQA	RLAGAGN...	STAR
bENTR1	<u>CGTYIIFPSL</u>	<u>GIGSLLPWNF</u>	<u>FITAKEYWMF</u>	KL.....	RN
	*****	*****	*****	*****	*****
bENT1	ASAAPAAPLP	ERNSLSAIPN	NVMTLCAMLP	LLLFTYLNSF	LHQRIPOQSVR
bENT2	LSTNHGTGPD	AFN....FN	NWVTLLSQLP	LLLFTLLNSF	LYQCVPETVR
bENTR1	<u>SSSPATGEDP</u>	<u>EGSDILNYFE</u>	<u>SYLAVASTVP</u>	<u>SMLCLVANFL</u>	LVNRVAVHIR
	*	*	*	*	*
bENT1	ILGSLVAILL	VFLITAILVK	VQLDALP..F	FVITMIKIVL	INSFGAILQG
bENT2	ILGSLLAILL	LFALTAALVK	VDMSPGP..F	FSITMASVCF	INSFSAVLQG
bENTR1	<u>VLASLTVILA</u>	<u>IPMVITALVK</u>	<u>VDTFSWTRGF</u>	<u>FAVTIVCMVI</u>	<u>LSGASTVFSS</u>
	***	***	***	***	***
bENT1	SLFGLAGLLP	ASYTAPIMSG	QGLAGFFASV	AMICAIASGS	ELSESAFGYP
bENT2	SLFGQLGTM	STYSTLFLSG	QGLAGIFAAL	AMLLSMASGV	DAETSALGYF
bENTR1	<u>SIYGMTGSFP</u>	<u>MRNSQALISG</u>	<u>GAMGGTVSAV</u>	<u>ASLVDLAASS</u>	<u>DVRNSALAFF</u>
	***	***	***	***	***
bENT1	ITACAVIILT	IICYLGLPRL	EFYRYYQQQLK	LEGPGEQ..E	TKLDLISKGE
bENT2	ITPCVGILMS	IVCYLSLPHL	KFARYYLANK	SSQAQAQELE	TKAELLQSDE
bENTR1	<u>LTATIFLVLC</u>	<u>MGLYLLLSRL</u>	<u>EYARYYMR..</u>P	VLAAHVPSGE
	*	***	***	***	*
bENT1	E..PRAGK..	EE	SGVSVSNSQP	TNESHSIKAI	LKNISVLAPS
bENT2	NGIPSSPKV	ALTLDLDLEK	EPESEPDEPQ	KPGKPSVFTV	FQKIWLTLAC
bENTR1	<u>EELPQDSL</u>	<u>SA PSVASRFIDS</u>	H.....	...TPPLRPI	<u>LKKTASLGFC</u>
bENT1	VCFIPTITIG	MFPAVTVEVK	SSIAGSST.W	.ERYFIPVSC	FLTFNIFDWL
bENT2	LVLVFTVTLS	VPAITAMVT	SS.TSPGK.W	.SQFFNPICC	FLLFNIMDWL
bENTR1	<u>VTYVFFITSL</u>	<u>IYPAVCTNIE</u>	<u>SLNKGSGLW</u>	<u>TTKFFIPLTT</u>	<u>FLLYNPADLC</u>
	***	***	***	***	***
bENT1	GRSLTAVPMW	PGKDSRWLPS	LVLARLVFVP	LLLLCNICKR	RYL.TVVFHR
bENT2	GRSLTSYFLW	PDEDSRLLPL	LVCLRFLFVP	LFMLCHVPQR	SRL.PILFPQ
bENTR1	<u>GRQLTAWIQV</u>	<u>PGPNNSKALPG</u>	<u>FULLRTCLIP</u>	<u>LFVLCNYQPR</u>	<u>VHLKTUVFQS</u>
	***	***	***	***	***
bENT1	DAWPIFFMAA	FAFSNGYLAS	LCMCFGPKRV	KPAEAETAGA	IMAFFLCLGL
bENT2	DAYFITFMLL	FAVSNGYLVS	LTMCLAPRQV	LPHEREVAGA	LMTFFLALGL
bENTR1	<u>DVYPALLSSL</u>	<u>LGLSNGYLST</u>	<u>LALLYGPKIV</u>	<u>PRELAEATGV</u>	<u>VMSFYVCLGL</u>
	***	*****	***	***	***
bENT1	ALGAVYSFLP	RAIV			
bENT2	SCGASLSFLP	KALL			
bENTR1	<u>TLGSACSTLL</u>	<u>VHLL</u>			
	***	***			

09/763793

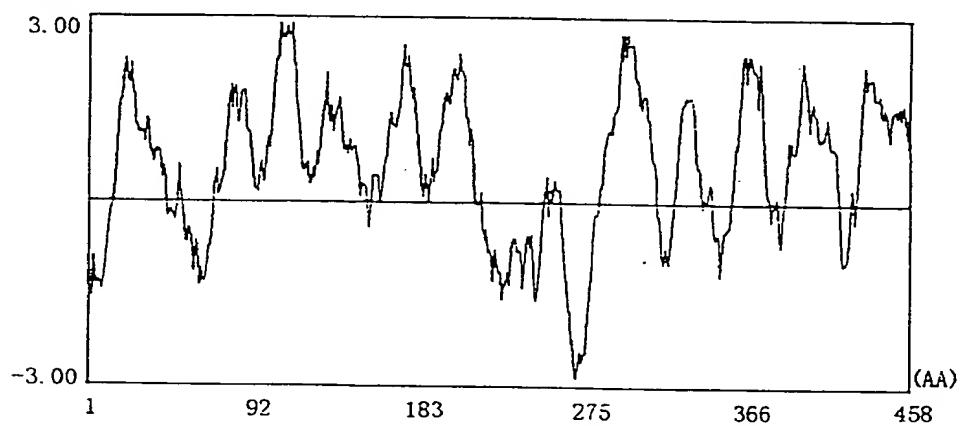
4/9

FIG. 4

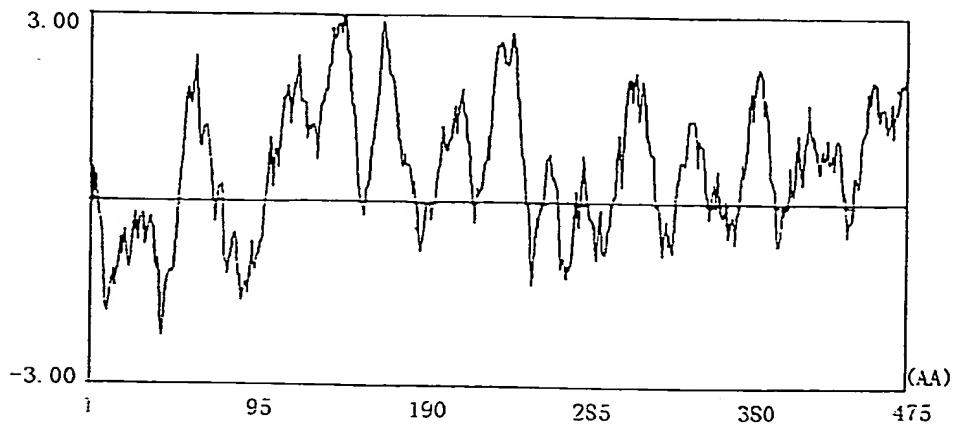
hENT1



hENT2



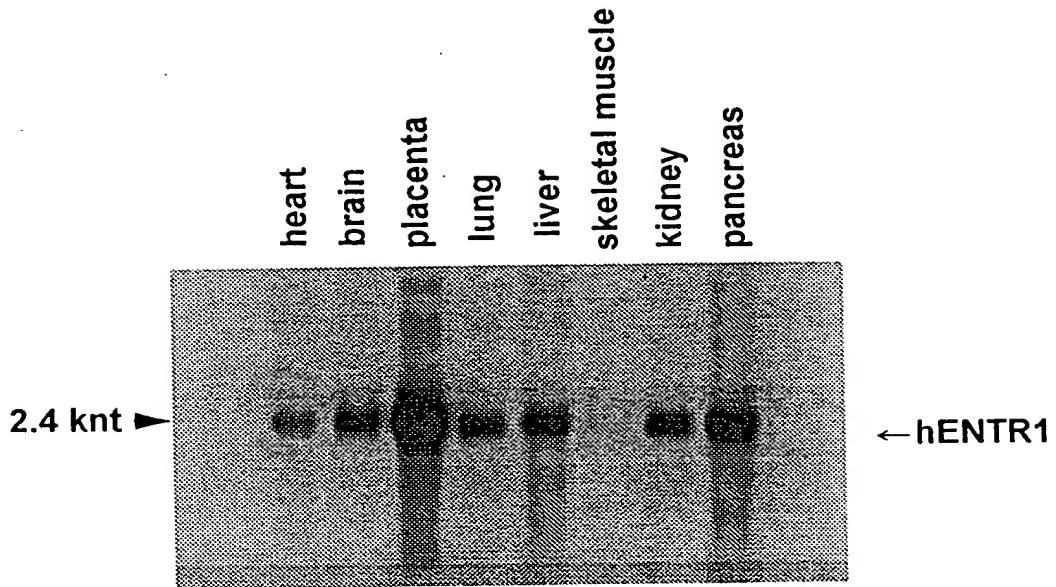
hENTR1



09/763793

5/9

FIG. 5

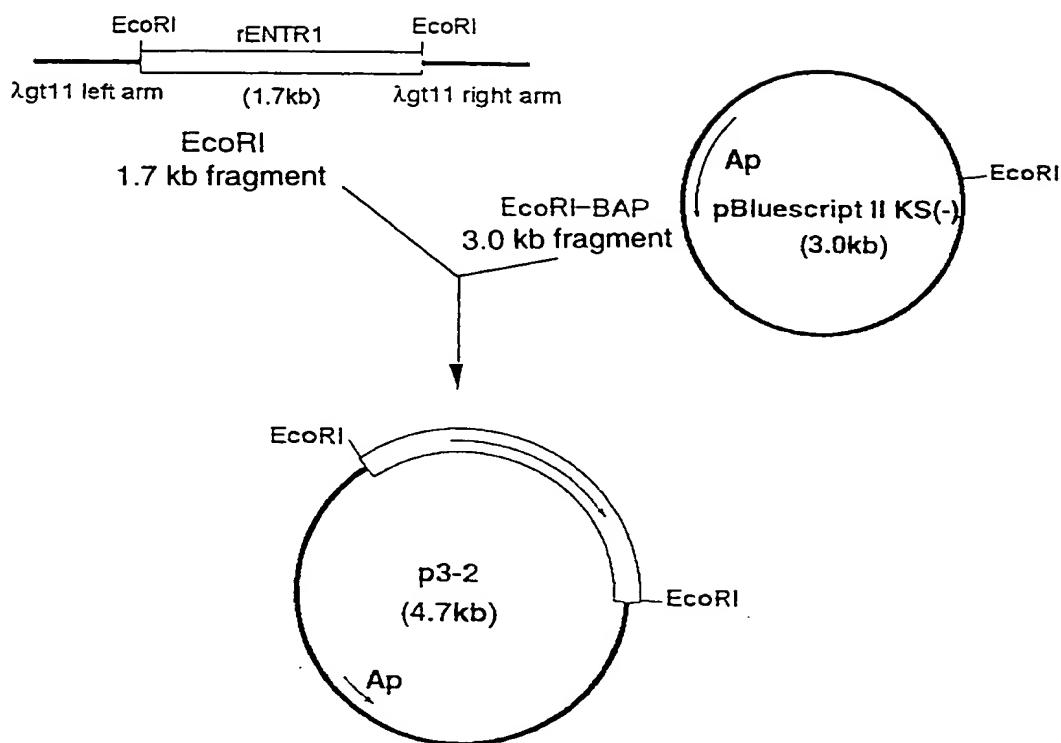


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6/9

FIG. 6

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09/763793

7/9

FIG. 7

hENTR1 MAVVSEDDFQHSSNSTYGTTSSSLRADQEALLEKLLDRPPPGLQRPEDRFCGTYIIFSL
*** . *** * *** .. * .. *
rENTR1 MAFASEDIAYHSSNAVYRVPSNRHEADQEALLGKPLDYPAPGLQRPEDRFNGAYIIFCL

hENTR1 GIGSLLPWNFFITAKEYWMFKLRNSSLSPATGEDPEGSDILNYFESYLA VASTVPSMLCLV
*** . *
rENTR1 GIGGLLPWNFFVTAK EYWA FKL RNCSSPASGKDPE DADILNYFESYLA VASTVPSLLFLV

hENTR1 ANFLLVNRVA VH RVL ASLT VILA IFM VITAL V KVDT F SWTRGFFAVTIVCMVILSGAST
*
rENTR1 ANFLLVNRIRVH RVL ASLSVSLA IFVVMAVL VRVDT SSWTRGFFSIAMACMAIISSSST

hENTR1 VFSSSIYGMTGSFPMRNSQALISGGAMGGTVSAVSLVDLAASSDVRNSALAFFLTATIF
*
rENTR1 IFNSSSVYGLTGSFPMRNAQALISGGAMGGTVSAVSLVDLAASSDVRDSALAFFLTA AVF

hENTR1 LVLCMGLYLLLSRLEYARYYMRPVLA AHVFSGEEL PQDSL SAPSVASRFIDSHTPPLRP
*
rENTR1 LGLCVGLYLLLPQLEYARYYMRPVVPIHVFSSSEDSPPRDAPSTSSVAPASRAVHTPPLG

hENTR1 ILKKTASLGFCVTVFFFITS LIYPAVCTNIESLNKGSGSLWTTKFFIPLTTFLYNFADL
*
rENTR1 ILKKTAGLGFCAVFLYFITALIFPAISTNIQPMHKGTGSPWTSKFYVPLTVFLLFNFA DL

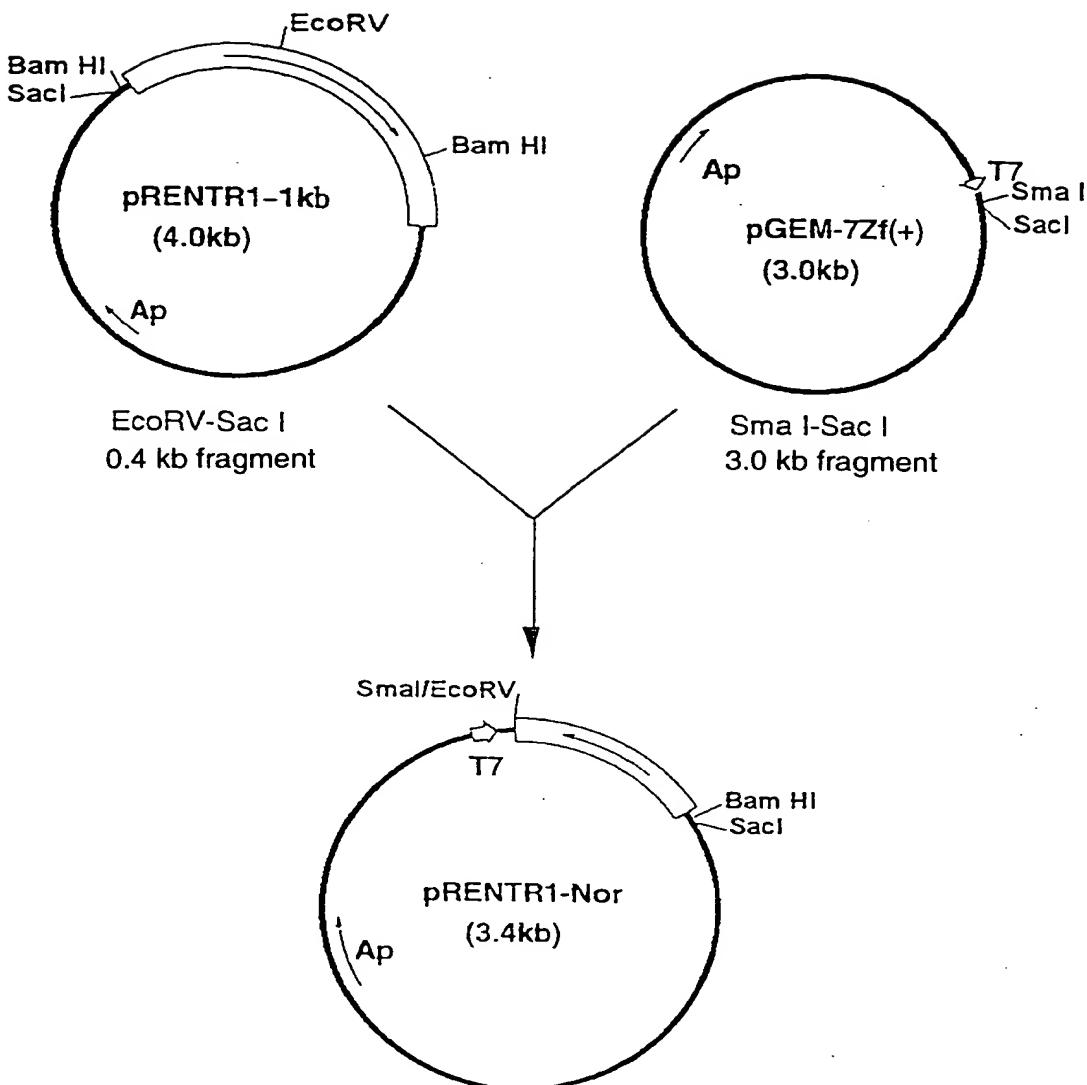
hENTR1 CGRQLTAWIQVPGPN SKALPGFVLLRTCLIPLFVLCNYQPRVHLKTVFQSDVYP ALLSS
*
rENTR1 CGRQVTAWIQVPGPRSKLLPILAVSRVCLVPLFLCN YQPRSHLT LVL FQSDIYPI LFTC

hENTR1 LLGLSNGYLSTLALLYGPKIVPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI
*
rENTR1 LLGLSNGYLSTLVL MYGPKIVPRELAEATSVVMLFYMSLGLMLGSACAALLEHFI

09/763793

8/9

FIG. 8



09/763793

9/9

FIG. 9

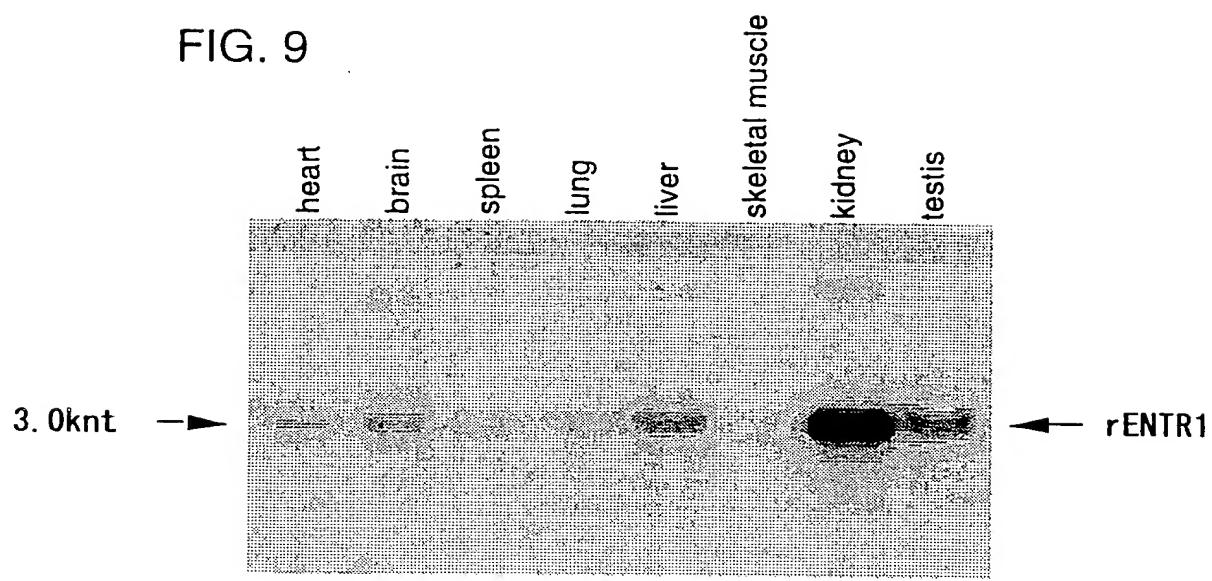
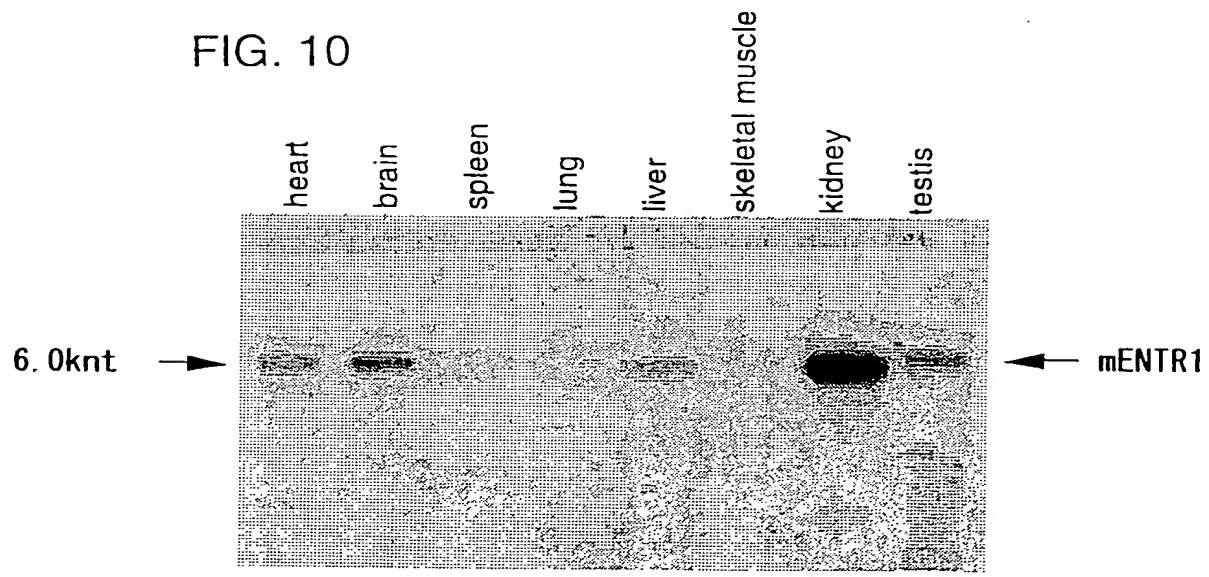


FIG. 10



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